

NEWSLINE

Published weekly for employees of Lawrence Livermore National Laboratory

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Team co-chairs seek members to tackle survey focus areas

Action teams that will analyze the results of the employee survey, "Assessing the Workplace," and make recommendations to improve seven focus areas are being formed by the Survey Action Steering Committee.

Nominations for employees to serve on the action teams are now being accepted. Supervisors have been asked to nominate individuals to serve on these teams. In addition, interested employees may self nominate by using the nomination form available in this edition of *Newsline*. The nomination form will also be mailed to employees and posted on the Grapevine, at <http://www-r.llnl.gov> (click on

ASSESSING THE WORKPLACE

SURVEY UPDATE

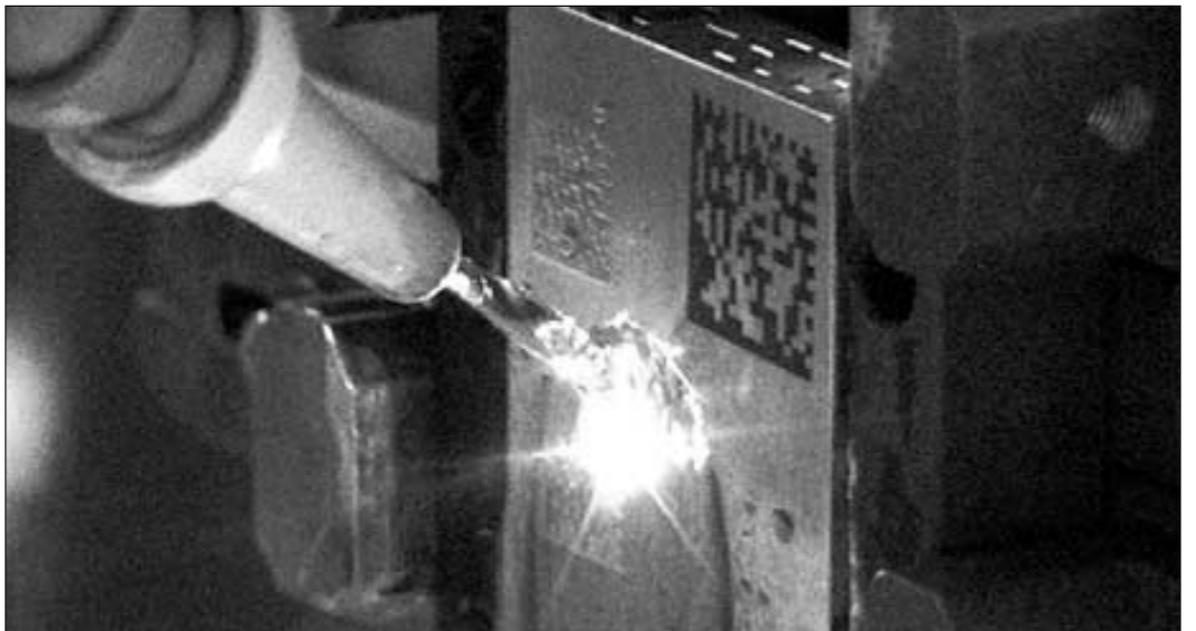
"Employee Survey Results"). Nominations are due Oct. 12.

Earlier this week, the Survey Action Steering Committee chose the co-chairs for the various teams that will take on five Labwide issues, while two other groups will concentrate on focused areas.

The five site-wide issues, along with their co-chairs are:

- Salary/Compensation, co-chaired by ADs Hal Graboske and Dona Crawford.
- Training & Career Development, ADs Den Fisher and C.K. Chou.
- Performance Management,

See **SURVEY**, page 11



BRENT C. DANE

Lab researchers, with an industrial partner, have developed a technology for permanently making safety-critical parts.

Lab technologies take top honors

By Stephen Wampler

NEWSLINE STAFF WRITER

A revolutionary technique for discovering genes, an advance for marking safety-critical parts and a new process for producing laser glass that is 20 times faster than previous methods netted awards for Lawrence

Livermore National Laboratory researchers.

The three teams of LLNL researchers, including two with industrial collaborators, captured honors from the trade journal *R&D Magazine* as three of the top 100 industrial inventions worldwide for 2000.

See **R&D**, page 11

Gordon praises NNSA security efforts

By Sheri Byrd

NEWSLINE STAFF WRITER

Following the terrorist attacks of Sept. 11, NNSA Administrator John Gordon told employees they should keep three goals in mind: "protect ourselves, accomplish our mission, and help others."

Gordon addressed employees at all NNSA field offices, labs, and plants during a special all-hands address broadcast live via satellite Tuesday.

Gordon related his pride in all 37,000 NNSA employees throughout the country, and pointed out that even before the final two airplanes crashed that day, all NNSA facilities were at SECON2, and all



John Gordon

NNSA weapons convoys were off the road and secured within 90 minutes of the first attack.

He praised the efforts of those across the NNSA complex who manned the Emergency Operations Centers 24 hours a day in the first few days, and especially thanked all of NNSA's protective forces personnel for their increased efforts and "long difficult hours" in the three weeks since Sept. 11.

"There is a sense of urgency and commitment to do whatever it takes to protect us from the

See **GORDON**, page 7

Jens Mahler named acting Engineering AD

Director Bruce Tarter has named Jens Mahler as acting associate director for Engineering, to hold the position being vacated by Associate Director Spiros Dimolitsas.

"Jens will do an excellent job as acting AD," Dimolitsas said. "He is a seasoned manager who is widely respected by the programs and knows Engineering in depth."

Mahler will become acting AD on Nov. 12

when Dimolitsas begins his new position at Georgetown University. A selection committee for the permanent AD for Engineering, headed by Associate Director for Computation Dona Crawford and



Jens Mahler

See **MAHLER**, page 6



Raber takes reins of EPD

— Page 3



Next-gen chips' life extension

— Page 5



Classic cars cruise into Lab

— Page 12



LAB COMMUNITY NEWS

Weekly Calendar

Technical Meeting Calendar, page 4

Saturday
6

A **power outage** is scheduled from 7 a.m. Saturday to 3:30 p.m. Sunday in these areas: Bldgs. 381, 382, 383 and 481; and trailers 3903, 3904, 3905, 3906 and 3925. Contact: Mark Cardoza, 3-0490.

Monday
8

Today is the "grand opening" of the newly **remodeled Central Café**. To celebrate, Eurest Dining Services will be offering lunch specials and a variety of daily prizes. A grand prize — a mountain bike — will be awarded Friday. Contact: Mishell Pendleton, 2-0105.

Wednesday
10

The Biology & Biotechnology Research Program Seminar Series will feature Jim Tucker discussing "Why Is Living Hazardous To Our Health? An Update on Cancer Research at LLNL," at 10:30 a.m. in the Bldg. 361 auditorium. Tucker will describe some of the current work by the Mechanisms of Cancer research team.

The second annual **poster presentation** by participants in the Student Employment Graduate Research Fellowship Program will be held in the South Cafeteria from 3-5:30 p.m. Contact: University Relations Program at 2-0394, or 3-0633.

Friday
12

Amigos Unidos is selling tamales to raise money for the **American Red Cross**. Tamales will be sold for \$14 per dozen and \$7.50 per half dozen. Pick-up is on Friday, Oct. 12, from 11:30 a.m. to 1 p.m. at the LLNL pool area. To pre-order your tamales, contact Yahel De La Cruz, 4-3507; Irene Ortega, Bldg. 113, room 3050; Jessica Barraza, Bldg. 1456, room 1039; or Rosa Yamamoto, Bldg. 151, room 1321.



A **Fidelity Investments** representative will be onsite to meet with employees Oct. 17-18. To make an appointment, call 1-800-642-7131. Be sure to specify you are an LLNL employee.

The Livermore Art Association and Pleasanton Art League are hosting a free **Art Studio Tour** on Oct. 13-14, from 10 a.m. to 4 p.m., featuring 30 Livermore and Pleasanton artist studios. See how paintings, jewelry, ceramics, woodturning and textiles are made by local artists. Items will be offered for sale. Free maps are available at Goodenough Books and the Carnegie building in Livermore, and the Main Street Gallery in Pleasanton.

The **Retirees Analytical Chemistry Group** is having a no-host Chinese buffet luncheon on Wednesday, Nov. 7, at 11:45 a.m. at the Willow Tree in Dublin. Cost of the buffet is \$11. Spouses/friends are welcome. RSVP by Oct. 31 to Bob and Anna Lim, 447-3036 or annalim@Juno.com.

Sister city visitors



SCOTT WILSON/PUBLIC AFFAIRS

Members of the Livermore/Yotsukaido Sister City Organization stopped in at the Lab's Visitors Center during a recent six-day trip to Livermore. Above left, two of the Japanese visitors examine a light sculpture by artist Bill Parker. At right, the visitors pick up information about Edward Teller.

Employees invited to walk for Special Olympics

Lab employees are invited to participate in a 3.1 mile walk to help raise money for the Special Olympics.

The walk will begin at 9:30 a.m. on Saturday, Oct. 20, at Hart Middle School in Pleasanton.

Cathy McClain, disabilities services program manager in the Affirmative Action & Diversity Program, has been asked to coordinate a team of 10 walkers to represent the Lab at this fund-raiser.

So far, she has two people on her team, including herself.

"The Special Olympics is one of the most important times in the life of a person with a developmental disability. Many of us have milestones to look forward to: graduation, our wedding, having our first child," McClain said. "For

someone with mental retardation, participating in the Special Olympics is the culmination of all of life's milestones, for they rarely have the opportunity to celebrate our traditional joys."

Each team member is asked to collect \$100 in donations so "our goal is a meager \$1,000 donation. I believe we can surpass that," McClain said.

There are prizes for fund-raising successes, she added.

To find out more about the walk, contact McClain at 3-6555 or mcclain1@llnl.gov.

"It will be fun and the weather should be nice," she said. Special Olympics team members will be there as well as many supporters in the community.

RETIREMENTS

Roy Braley

A retirement luncheon is planned for Roy Braley, who is retiring after 35 years in Engineering.

Braley is a group leader in Electronics Engineering. His last day at the Laboratory will

be Friday, Oct. 26.

The luncheon will be held Wednesday, Oct. 24, at Garre Winery, beginning at 11:45 a.m.

The cost is \$23 per person, which includes a pasta buffet, gift, tax and gratuity.

RSVP to Nancy Salmon, 2-8917, Sandy Williams, 3-2496, or Kelly Porth, 4-2599.

IN MEMORIAM

Carlos Sousa

Services have been held for Lab retiree Carlos Sousa, who died in Tracy Thursday, Sept. 20. He was 66.

A resident of Tracy since 1977, Sousa was a maintenance worker at the Lab's Site 300 and Sandia. He also worked as a self-employed landscaper with an associate and his son, Mike Sousa.

Sousa was born in Manadas in the Azores. He was a past member of IPFES and Catholic Affiliation.

Sousa is survived by his wife, Sherri; daughters Carla and Lisa; sons Carl, Kevin and Mike; brothers Manuel, Lino and Richard; sisters Maria, Herminia, Teresa and Ernestina; and six grandchildren.

Newsline

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AROUND THE LAB



Ellen Raber to head Environmental Protection Department

By Gordon Yano

NEWSLINE STAFF WRITER

Ellen Raber has been named the new head of the Environmental Protection Department (EPD). She assumes leadership of the 430-person organization from Harry Galles, who retired July 1.

Raber came to EPD as deputy department head in 1993, after technical and management positions in the Nonproliferation, Arms Control and International Security directorate and the former Earth Sciences Division.

EPD assists Laboratory programs in developing and maintaining environmentally sound operational practices through environmental monitoring, regulatory compliance, environmental restoration and hazardous waste management. The department also researches, develops and tests environmental protection technology and processes.

"I'm excited about the challenge of leading a department that uses the best science and technology to help the Lab be a good steward of the environment," Raber said.

"EPD has a high-caliber, multi-disciplinary staff that has set a high standard of achievement,



Ellen Raber

and I look forward to helping maintain that distinction."

Raber plans to actively promote Laboratory collaborations utilizing cross-directorate expertise to "advance the science and technology base needed to solve today's environmental problems."

EPD's operating budget last fiscal year was \$73 million, of which more than two-thirds was direct funding from DOE. Budgetary issues will be another challenge facing Raber.

"We'll have to work to maintain a budget that will allow us to do all of the important activities necessary to maintain regulatory compliance and meet key milestones," she said.

Raber has long been involved in national secu-

rity issues through the NAI Directorate — she's a past recipient of the Intelligence Community Medallion — and will remain active in environmental security research. She also serves as one of the Laboratory's Emergency Duty Officers.

"I am very pleased to have Ellen's strong leadership and technical capabilities in a key component of Lab operations," said Dennis Fisher, associate director for Safety, Security and Environmental Protection. "I look forward to working with her to meet the Laboratory's commitment to effective and efficient environmental management."

Raber began her career at the Lab as a research geochemist in 1978. She is a member of the National Association of Groundwater Scientists and Engineers, and past president of Sigma Xi.

Raber holds a master's in geochemistry from the University of Massachusetts and a B.S. in geology from Lafayette College.

A resident of Livermore, Raber is married and the mother of a 7-year old daughter. She also serves as vice president of the board of trustees of Valley Montessori School in Livermore, the largest non-profit Montessori school west of the Mississippi.

Policy on proper computer use updated, posted on the Web



CIO UPDATE

BY TED MICHELS

Proper computer use rules updated

As LLNL's computer security policies evolve, the Computer Security Council must occasionally revise some of its older policies to replace obsolete wording and make them consistent with more recent policy decisions.

New policy P-2329, "Proper Use of LLNL Computers and Networks," replaces two existing policies (P-2329 "Computer Use and Security Rules" for Unclassified and P-4336 "Code of Conduct for Classified Computer Users at LLNL" for classified computing). It also updates language regarding the following topics to be consistent with other recent policies (also listed below):

- Authorized Use (i.e., citizenship issues, as described in LLNL form F-2311).
- Incidental Personal Use (in accordance with LLNL policy P-2023).
- Authorized Actions (from previous policies P-2329 and P-4336, Computer Use and Security Rules").
- Privacy (in accordance with CIAC Bulletin J-043).
- Software Licenses (as per LLNL Personnel Policies and Procedures Manual Section D VIII.5).
- Passwords and User IDs (in accordance with government orders DOE N 205.3, DOE M 471.2-2, and G 205.3-1).
- Modems (in accordance with LLNL policy P-2013).
- Computer Security Incidents (in accordance with LLNL policy P-2316).

An important impact of this new policy

on users of classified computers is the replacement of the "Code of Conduct" with an institutional, Web-based training course to be completed annually by users of LLNL's classified computing resources.

The full text of the new policy is available on the Web at: <http://www-r.llnl.gov/cso/Pubs/u-docs/P2329.pdf>. Other related policies cited in this policy are described at <http://www-r.llnl.gov/cso/Pubs/>

Comment sought on system management and configuration

LLNL's Information Architecture (IA) project is responsible for developing the standards for hardware and software that conform to the requirements of Laboratory users. Part of the process of proposing and adopting standards is to offer proposed standards to the Laboratory community for comments and suggestions.

The latest proposed standard specifies a process to securely install, configure and manage unclassified computer systems. Draft standard IA-1801 is available for your comment until close of business Monday, Oct. 22.

Laboratory users can view the full text of this proposed standard at: <http://ia.llnl.gov/rfc/ia1801/ia1801.html>. This draft standard refers to existing policy, P-2022 (see <http://www-r.llnl.gov/cso/Pubs/u-docs/P2022.pdf>) and IA Statement of Direction IA-0401 (see <http://www.llnl.gov/projects/ia/standards/ia0401/ia0401.html>).

To offer comments regarding this proposed Laboratory standard, click on the "Comments" button on the IA-1801 Website mentioned above or simply send e-mail to the Information Architecture Office at: ia-rcf@llnl.gov.

Your comments are welcome and will provide input into the approval process for this proposed standard.

Deployment of Apple OS X

The deployment of Apple's new operat-

ing system OS X brings with it a wealth of new capabilities, either on new machines or as an upgrade to existing Macintosh systems. At this early stage of this new operating system, LLNL's Information Architecture (IA) Advisory Board is recommending caution before any wide deployment of OS X is attempted.

This new IA Advisory, IA-1802, offers some considerations and specific recommendations to those who are considering upgrading to the new operation system. The full text of the advisory is located at <http://ia.llnl.gov/advisories/ia1802.html>. Here are the highlights:

Because Mac OS X is UNIX-based, users should be cautioned that most Macintosh support personnel do not yet have an extensive UNIX background. Additional training will be necessary before OS X is fully supported.

Users will need to check (see the "External Documents" listed on the Website with this advisory) to determine whether the Mac OS 9 applications they use will run in the OS X native environment, which enables users to take advantage of some of the new capabilities of OS X.

During this transition period, users may have to operate in a dual classic/native mode for some applications.

The advisory recommends that, at this time, Mac OS X be deployed only in the following environments:

- In a test environment for evaluation purposes,
- For knowledgeable users who have the skill to support the system themselves, or
- As a dedicated server.

As this operating system matures, this advisory will be modified. Check the IA Website (<http://ia.llnl.gov/>) for updates.

Ted Michels is the principal deputy associate director for Computation and LLNL's acting chief information officer.



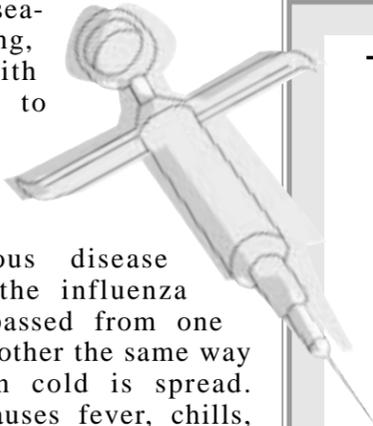
NEWS YOU CAN USE

Health Services offering on-site flu shots in October

The flu season is coming, bringing with it a need to think about getting a flu shot.

The flu is a serious disease caused by the influenza virus and passed from one person to another the same way the common cold is spread. Influenza causes fever, chills, headache, cough, sore throat, and muscle aches. Although most people who get the flu recover completely in one to two weeks, some people develop serious and potentially life-threatening medical complications, such as pneumonia. In the United States, the peak flu season is December through March, but may start as early as November.

Persons over the age of 65 years and those with chronic medical conditions (particularly heart and lung disease), foreign travelers, and smokers



Take a shot at these Lab clinic dates

Day	Date	Times
Tuesday	October 16	9:30-11 a.m. 1:30-3 p.m.
Wednesday	October 17	9:30-11 a.m. 1:30-3 p.m.
Thursday	October 18	9:30-11 a.m. 1:30-3 p.m.
Friday	October 19	9:30-11 a.m. 1:30-3 p.m.
Tuesday	October 23	9:30-11 a.m. 1:30-3 p.m.
Wednesday	October 24	9:30-11 a.m. 1:30-3 p.m.
Thursday	October 25	9:30-11 a.m. 1:30-3 p.m.
Friday	October 26	9:30-11 a.m. 1:30-3 p.m.
Tuesday	October 30	9:30-11 a.m. 1:30-3 p.m.
Wednesday	October 31	9:30-11 a.m. 1:30-3 p.m.

should receive the flu vaccine. In addition, any adult who wishes to decrease his/her chances of getting influenza should be vac-

inated.

It is also recommended that pregnant women in their second or third trimester of pregnancy, or who have just delivered during the flu season, should receive the flu vaccine. Pregnant women in their first trimester should consult their physician before receiving the vaccine.

The Health Services Department is offering flu shots for \$7 during the month of October. (Health Services is passing along to patients the increase in cost of the vaccine.) Clinics will be located throughout the Laboratory, on a first come, first served basis, during the month of October (the available dates and times are listed in the accompanying chart). Watch for locations in future issues of *Newsline*. To schedule a flu clinic in your area, call 4-9854, and speak to Kena or Misty. Beginning in November flu shots will be available at Health Services, Bldg. 663, 8 a.m. to 4 p.m., as long as the supply of vaccine lasts.

Technical Meeting Calendar

Friday
5

MATERIALS SCIENCE & TECHNOLOGY

"Electrochemistry With Ceramic Membranes," by Turgut M. Gür, Geballe

Laboratory for Advanced Materials at Stanford University. 3:30 p.m., Bldg. 235, room 1090 (uncleared area). Coffee and cookies will be served at 3:20 p.m. Contact: Thomas E. Felner, 2-8012, or see <http://www-lam.stanford.edu/bios/gur.html>.

CHEMISTRY & MATERIALS SCIENCE

"Computational Studies of Combustion Systems Pertinent to NO_x and Incipient Soot Formation," by Lyudmila Moskaleva. 10 a.m., Bldg. 151, room 1209 (uncleared area). Contacts: Andrew Quong, 2-5641, or Bonnie McGurn, 3-2764.

Monday
8

DEPARTMENT OF APPLIED SCIENCE

"Prediction from Incomplete Calculations," by Alexandre Chorin, UC Berkeley. 4 p.m.,

Bldg. 661, room 7 (open area). Refreshments served at 3:30 p.m. for a "meet the speaker" session before seminar and at 5 p.m. after the seminar. Contact: Estelle Miller, 2-9787.

Wednesday
10

BIOLOGY & BIOTECHNOLOGY RESEARCH PROGRAM

"Why is Living Hazardous to Our Health? An Update on

Cancer Research at LLNL," by Jim Tucker, 10:30 a.m., Bldg. 361 auditorium (uncleared area). Contact: Mark Costella, costella2@llnl.gov.

Thursday
11

DEFENSE & NUCLEAR TECHNOLOGIES

"Mimetic Finite Difference Methods for Diffusion Equations," by Mikhail Shashkov, Los Alamos National

Laboratory. 10:30 a.m., Bldg. 451, room 1025 (uncleared area). Contacts: Alek Shestakov, 2-4213, or Colleen Camacho, 3-6878.

V DIVISION

"The DJEHUTY Project: 3-Dimensional Modeling of Stars," by Peter Eggleton, University of California. 10:30 am, Trailer 1726 conference room (uncleared area). Contact Kevin Fournier, 3-6129.

Friday
12

DEFENSE & NUCLEAR TECHNOLOGIES

"Optimization-Based Reference-Matric Rezone Strategies for Arbitrary Lagrangian-Eulerian

Methods on Unstructured Grids," by Mikhail Shashkov, Los Alamos National Laboratory. 1:30 p.m., Bldg. 319, room 205 (open area). Contacts: Alek Shestakov, 2-4213, or Colleen Camacho, 3-6878.

DEFENSE & NUCLEAR TECHNOLOGIES

"Nuclear Energy in the Coming Decade and Beyond," by Per F. Petersen, UC Berkeley. 10:30 a.m., Bldg. 132 auditorium (cleared area). Contact: Mark Herrmann, 2-6999.

Monday
15

INSTITUTE FOR SCIENTIFIC COMPUTING RESEARCH

"Similarity Search and Indexing in Very Large Image Databases," by Jelena Tesic, UC Santa Barbara. 3

p.m., Bldg. 451, room 1025 (uncleared area). Contacts: Imola Fodor, 4-5420, or Terry Garrigan, 3-6209.

Wednesday
17

INSTITUTE FOR SCIENTIFIC COMPUTING RESEARCH

"Open Topics in Parallel I/O," by Rob Ross, Argonne National

Laboratory. 10 a.m., Bldg. 451, room 1025 (uncleared area). Contacts: Tyce McLarty, 4-6975, or Leslie Bills, 3-8927.

Tuesday
23

CHEMISTRY & MATERIALS SCIENCE

"The Materials and Chemistry of NIF," by Chris Barty, discussing ultrashort pulse amplification

and advanced X-ray sources. 1:30 p.m., Bldg. 235 auditorium (uncleared area). Contacts: Tomás Díaz de la Rubia, 2-6714, or Lisa Rose-Webb, 2-5609.

Thursday
25

INSTITUTE FOR SCIENTIFIC COMPUTING RESEARCH

"Coupled Eulerian-Lagrangian Simulations of Detonation

Induced Shock Response in Tantalum," by Daniel Meiron, California Institute of Technology. 10 a.m., Bldg. 451, room 1025 (uncleared area). Contacts: David Brown, 4-3557, or Leslie Bills, 3-8927.

The deadline for the next Technical Meeting Calendar is noon, Wednesday.

Send your input to tmc-submit@llnl.gov. For information on electronic mail or the news-group llnl.meeting, contact the registrar at registrar@llnl.gov.

NEWS OF NOTE



Pact to develop next generation computer chip extended

By Gordon Yano

NEWSLINE STAFF WRITER

The Laboratory's largest ever Cooperative Research and Development Agreement — to develop extreme ultraviolet lithography (EUVL) into the next-generation technique for making computer chips — has been extended for another three years.

Set to expire in March 2002, the ongoing collaboration between Lawrence Livermore, Sandia and Lawrence Berkeley national laboratories and a consortium of Intel-led semiconductor companies has been extended to 2005, with the addition of \$65 million to the \$250 million already committed to the project.

Funding comes from the EUVL Limited Liability Company (LLC), comprised of Intel, Motorola, Advanced Micro Devices, Micron Technology, Infineon and IBM. Lawrence Livermore, Sandia and Lawrence Berkeley have

joined their research efforts into a DOE Virtual National Laboratory (VNL) for the project.

In April, the partners announced completion of the first full-scale prototype machine (called the Engineering Test Stand) for inscribing transistors onto computer chips using extreme ultraviolet light. The breakthrough is expected to lead to microprocessors tens of times faster than today's most powerful chips and memory chips with similar increases in storage capacity.

EUVL was developed because the current chip-printing technology is expected to reach its physical limits in the next five years.

"The CRADA extension is a measure of the extent to which the semiconductor industry is committed to making EUVL successful," said Jim Glaze, executive director of the Virtual National Laboratory.

"While the cost to develop EUVL is high, the payoff to industry and the nation in terms of the computing power that EUVL will enable is poten-

tially immense."

The initial three-year CRADA between the EUVL LLC and the Virtual National Laboratory began in 1997, with an extension to 2002.

"As significant an achievement as the Engineering Test Stand is, there is still much work yet to be accomplished," said Don Sweeney, chief technical officer for the VNL and director of LLNL's part in the project out of Physics and Advanced Technologies' Information Science and Technology Program.

"Extension of the collaboration will allow us to work with the LLC and lithography tool suppliers to refine the technology and get it ready to create a prototype commercial machine that meets industry requirements for high-volume chip production."

LLNL brings to the project expertise in creating precision reflective optical coatings from multilayered materials, advanced optical testing methods and defect inspection technologies.

SECURITY UPDATE

Access changes at Southgate entrance

Access controls at the Lab's Southgate entrance will be made to improve traffic flow and minimize pedestrian and vehicle safety concerns. The security checkpoint currently located at the outermost vehicle entry gate on Southgate Drive will be relocated to South Mall Dr., just northeast of the South Café.

"The move will eliminate potential safety hazards associated with congested pedestrian and vehicle traffic at the present location," said Rick Certo of Safeguards & Security. "We expect the change to be completed in approximately two weeks."

Additional security enhancements include erecting new security fences along the east perimeter of the parking lot on the east side of the South Café, and a portion of the south side of South Mall Drive to guide pedestrians toward the new access control point. Two "exit only" mechanical turnstiles will be installed to improve egress from the South Mall Area. One turnstile will be located on East Avenue, on the southwest side of the South Café, and the other will be near the vehicle entry point at the east end of South Mall Dr.

"Both pedestrians and vehicles will enter the South Mall Area via the new control point," Certo said. "The new access control point will be the only way for uncleared persons to enter the South Mall area. Employees who are "L" or "Q" cleared may still use the electronic access portals located on the southeast side of Bldg. 311 and the west side of the swimming pool, on Avenue C to enter or exit the South Mall area.

Any person entering the South Mall Area will be required to display either a standard DOE security badge, a valid visitor's badge issued by the LLNL Badge Office or be listed on an access list furnished to PFD by one

of the organizations located within the South Mall Area: e.g., LLESA, South Cafeteria, Industrial Partnership, etc.

The new access control point will be operational from 3:30 a.m. to 10 p.m. Monday through Friday, but will be closed from 10 p.m. to 3:30 a.m. on weekends and holidays. Authorized persons who require access to the South Mall when the gate is closed should call the Protective Force Division Sergeants' Office at 2-7225.

Questions regarding the changes should be made to the Safeguards & Security help line; dial 222 on your Lab telephone.

Security Refresher Briefing available

The 2001 Security Refresher Briefing is available on the Safeguards and Security Program Website at http://www-security.llnl.gov/ssdpub/IPSD/srb01_01.html and on the Grapevine Intranet (<http://www-r.llnl.gov/>).

The briefing also will be available in booklet form from department offices for people who do not have access to unclassified computers and who have requested booklets through their departments. The booklets will be distributed beginning Monday, Oct. 8.

All LLNL employees and contractors must read the briefing, take the quiz at the end, and submit a verification form to the Safeguards & Security Department before Friday, Nov. 30. People who are exempt from this requirement are visitors; off-site contractors without clearances; contractors whose clearances are held at other DOE facilities; and DOE employees.

In order to take the quiz on the LLNL internal Web testing system, you will need a LITE ID and password. If you do not have a LITE ID and password, you can get one at https://www-ais.llnl.gov/llnl_only/docs/menu/.

Wang visits the Laboratory

From left: Ron Cochran, Lab executive officer, Ling-chi Wang, professor from UC Berkeley, Tommy Smith, AADP, Jan Tulk, AD for Administration. Professor Wang came to the Laboratory to discuss diversity and Asian Pacific American issues.



FRANK NUNEZ/TID

THE HOME PAGE

Computation Directorate hosts 2001 'Run for HOME'

By Dan Sapone

COMPUTATION DIRECTORATE

Since it began in 1975, the Lab's HOME Campaign has been "Helping Others More Effectively" in the Tri-Valley and beyond. LLNL's "Run for HOME" has become an annual tradition for kicking off one of the Tri-Valley's largest charity campaigns with flair and style, costumes, food and entertainment. This year, LLNL's Computation Directorate is proud to be responsible for this semi-athletic event on Wednesday Oct. 31.

The race will start at high noon on West Perimeter Drive just outside of parking lot Z-3, beside Bldg. 132. The route will proceed past Bldg. 132 to Mesquite Way where it turns left toward Vasco Road. Racers will turn left and break into the long straightaway along Vasco to East Avenue where they will turn left twice more to enter LLNL's southwest entrance for a dramatic finish near the starting line. (See the map and other details, on the web at: <http://www-r.llnl.gov/home2001/run-forhome/runforhome.html>.)

Participants and volunteers will receive free snacks and colorful "Run for HOME" T-shirts to commemorate the excitement. At the finish line, everyone will be treated to music, food, and displays by the many charities on hand offering information about the work they do.

Says Run for HOME Chairman Ted Michels, "The race is a lot of fun for everyone. Don't miss it!"

What happens?

Rollerbladers will start at noon, followed by runners at 12:02, and then walkers. Swimmers will be timed at 800 meters in the Lab pool starting at 11 a.m. Runners at Site 300 will begin their usual 3000-meter course at noon and will have their own awards ceremony following the event. Prizes will be awarded to the winners in several categories. The crowd will be entertained by Magic Moments, a local band specializing in music from the 1950s.

Who can participate?

All members of the Laboratory community are eligible. In past years, the Run for HOME has welcomed creatures like centipedes, star warriors, giant insects, cartoon characters, hula hoopers, and a variety of otherwise inanimate objects. Costumes are welcome.



HOME Fair

In parking lot Z-1 (near the southwest Laboratory entrance) the Home Fair tent will feature booths representing about 130 agencies available for employee contributions through this year's campaign. Food and water, T-shirts for sale, lunch tables, and agency parking will be found in this area as well.

To keep the race course and staging area (in lot Z-1) free for this event, employees are being asked to park in other areas on Oct. 30 (for setup) and Oct. 31. Details about available parking will be publicized the week of the event.

LLNL's "Run for HOME" kicks off one of the valley's most profitable annual charity drives. For the past 26 years, the HOME Campaign has had a tremendous impact on local nonprofit agencies as well as umbrella groups such as the United Way and the Tri-Valley Community Fund. Last year the campaign exceeded its goal of \$1.26 million, surpassing the previous year's total of \$1.22 million. Since 1995, the HOME Campaign has raised nearly \$6 million and has made the Laboratory one of the largest single contributors to a number of Tri-Valley charities.

Last year's Chairperson, Hugh Watling of Engineering, was proud of the Lab's third consecutive year breaking the million-dollar barrier. This year, HOME Chairperson Roger Werne has set a goal of \$1.3 million. "It will be a challenge," he warned, "but meeting that challenge is worth it for the impact it will have on the daily lives of people who are our neighbors."

Local agencies such as Tri-Valley Haven for Women, Shepherd's Gate, and Tri-Valley Animal Rescue look to the campaign for a substantial amount of their annual operating funds. The campaign supports such a wide cross section of charities that employees can tailor their charitable contributions to their own interests.

Employees will receive a packet of specific information from their Organizational Team Leaders in late October. Complete information is also available on the Web at: <http://www-r.llnl.gov/home2001/>.

Community honors HOME as Tri-Valley Champion

The Laboratory is being recognized with a 2001 Tri-Valley Community Champion Award, given for its exemplary record of employee volunteering and fund raising.

The award is one of 11 announced this week by the Tri-Valley Community Foundation, Shaklee Corporation and Tri-Valley Community Television, sponsors of the second annual recognition program slated for Oct. 25 at Shaklee world headquarters in Pleasanton.

In a letter to the Laboratory, Tri-Valley Community Foundation president David Rice said LLNL is being honored for its volunteer program, which includes the employee-run

HOME campaign benefiting more than 600 non-profits, charitable, and health and human services groups. Last year the HOME campaign raised \$1.26 million in support of worthwhile causes and agencies.

Other awards being presented at the Oct. 25 ceremony are for extraordinary nonprofit organization, extraordinary small and large company volunteer programs, extraordinary philanthropy, and outstanding media coverage of nonprofit organizations.

The presentations will be videotaped by CTV Cable Channel 30 for airing later in the month.



NEWSLINE FILE PHOTOS

The annual Run for HOME three-kilometer fun run typically attracts hundreds of Lab employees, many in costume. This year's race takes place Oct. 31 at noon, starting beside Bldg. 132. Over 100 agencies eligible for contributions through the HOME campaign will display booths at the HOME Fair the same day, near the southwest Lab entrance. All employees are invited to participate.

MAHLER

Continued from page 1

George Miller, began meeting this morning. Other members include Mahler, NIF's Gina Bonanno; Engineering's Diane Chinn, Rick Corriea, Dave McCallen, Derek Wapman and Jeff Williams; PAT's Karl van Bibber, Chemistry's Tomas Diaz de la

Rubia; NAI's Steve Cochran; DNT's Dave Conrad; and Administration's Tommy Smith, Karena McKinley and Lynette Willard.

Mahler has served as the deputy associate director for Mechanical Engineering since January 1993. He has been part of Engineering since joining the Lab in August 1969. He holds a B.S. in Mechanical Engineering from the University of California at Berkeley. A long-time project and divi-

sion manager, Mahler has specialized in areas of design, analysis, fabrication, and fielding of a wide variety of mechanical systems. As head of ME, he is responsible for approximately 1,200 engineers, technical and administrative staff supporting virtually all Lab programs.

"My job will be to keep Engineering focused on meeting our mission and moving forward," Mahler said.

NOTABLE ACHIEVEMENTS



Lab employee makes strides against breast cancer

By Elizabeth Campos Rajs

NEWSLINE STAFF WRITER

As a breast cancer survivor, Lab site planner Christy Kato-Baxter knows too well what it takes to fight that deadly disease. She'd like to spare other women the experience.

Since her diagnosis and recovery more than two years ago, Kato-Baxter has committed herself to helping the American Cancer Society in its fight to find a cure. One of the efforts she participates in is the annual "Making Strides Against Breast Cancer."

She's hoping Lab employees, their families and friends will join her in the five-mile walk on Sunday, Oct. 28, in Golden Gate Park.

"It's my time to give back. I was helped when I was going through it and this is my way of giving back," Kato-Baxter explained. "If they find a cure for breast cancer, I've got to believe this will help with other cancer research also. Cancer doesn't just happen to 'that other person.' No one ever thinks it will happen to them, and it's hard to accept when it happens to you."

Making Strides Against Breast Cancer is a five-mile walk to raise awareness and funds for the fight against breast cancer. Last year, the Bay Area event raised more than \$900,000 to support groundbreaking research, as well as local programs and services for patients and their families.

"If it hasn't already happened, chances are you or someone you know will be touched by breast cancer,"



PHOTO COURTESY OF CHRISTY KATO-BAXTER

Christy Kato-Baxter, left, was welcomed recently to the kick-off breakfast for the fourth annual Making Strides Against Breast Cancer walk by Dr. Kim Mulvihill, health reporter for KRON-4.

Kato-Baxter said.

According to the American Cancer Society, this year alone, nearly 200,000 women will be diagnosed with breast cancer and 40,000 more will lose their battle against the disease.

Kato-Baxter was diagnosed with breast cancer more than two years ago, but she was initially misdi-

agnosed.

A routine mammogram identified microcalcifications as suspicious, she said. Kato-Baxter underwent a lumpectomy, but was told the results were fine.

Fortunately, she took the advice of a close friend, who was a breast cancer survivor, and sought a second opinion from a breast cancer specialist in San Francisco.

"I was misdiagnosed as not having it at all, and later found out I had aggressive cancer cells in both breasts," she said.

The benefit of having a friend who was a breast cancer survivor and who helped her navigate the many medical decisions she had to make for herself was invaluable. As a result, she is now a volunteer for the cancer society's "Reach to Recovery" program, in which she talks with women who are in a situation similar to hers.

"There are so many decisions you have to make after you are diagnosed with breast cancer. It is helpful to talk to someone who has been through it," Kato-Baxter said.

In an effort to make breast cancer a thing of the past, 325,000 walkers are expected to participate at 55 different Making Strides events throughout the country this year.

For more information about participating in the Making Strides walk, contact Kato-Baxter at 2-6716 or katobaxter1@llnl.gov. Registration on the day of the walk will be held 8-10 a.m. at Speedway Meadow. The Lab group of walkers will be meeting at Speedway Meadow near the brick restroom facility at 9 a.m.



JACQUELINE MCBRIDE/TID

Construction complete at treatment facility

Construction of the new LLNL Decontamination and Waste Treatment Facility (DWTF) in the northeast corner of the Laboratory is now complete. The new facility will consolidate waste operations now conducted in several older facilities on site, enabling wastes to be managed more safely and efficiently. The DWTF is expected to enter operations in 2002, pending congressional action on the FY 2002 budget and DOE-distribution of appropriate funding.

GORDON

Continued from page 1

threat of terrorism," Gordon said. "We must be tireless and relentless in our efforts to do our jobs and make the world a safer place. We must be poised for any follow-on event."

Gordon also noted the inconvenience to all workers as a result of the heightened security measures throughout the NNSA complex and called for employees' patience and understanding.

All NNSA security forces, Gordon announced, will remain at "enhanced SECON3" for an indefinite period.

"We must be prepared for further attempts at attack," he stated. "We must never again fall into a state of complacency."

Vulnerability assessments and security task forces

are working now to decide what new, permanent security measures will be placed at each NNSA facility.

"The FBI is working hard to provide us the intelligence reports we need," he assured employees.

In addition to outside intelligence, Gordon asked employees for any and all ideas on how better to protect NNSA resources, and for their understanding as the new security levels evolve.

"How we think about the threat has changed. In the short term, it may mean more people on the task," he said. "But in the long term it will mean better technology." He also warned employees, "You may have to walk a bit further."

Gordon offered a challenge, "What can we as an agency bring to this fight? Not just nuclear weapons and materials, but great technology and talent, such as some of the very best sensor work in

the world."

Summing up NNSA's counter-terrorism efforts in three main points, Gordon defined the mission as:

- Protect ourselves – with measures such as heightened security levels and changes in security procedures.

- Accomplish our mission – by continuing with the work that is vital to national security.

- Help others – such as NNSA's former Soviet counterparts trying to protect their resources and materials.

On this last point, Gordon explained, "Terrorism knows few boundaries. Protection of Russian nuclear materials is just as important as in America."

Concluding the all-hands, Gordon said that although the attacks have dramatically changed the way we look at security, "It's time to get back to normal work and normal travel."



CLASSIFIED ADS

See complete classified ad listings at
<https://www-ais.llnl.gov/newsline/ads/>

AUTOMOBILES

1997 - Chevy Camaro Z28. 30 Yr. Anniversary Edition. Excellent condition. \$13K. 925-456-0320

2000 - Chevrolet Metro 4Dr, Automatic, Air, Good MPG, reliable - great for commuting, \$6000 OBO 925-456-9595

1992 - Mustang GT 5.0, 99k, excellent cond, customized, be good to yourself! Only \$6900. 209-836-9082

1927 - Model T, touring edition, disassembled, have 90% of the parts, \$1,000 or best offer 925-484-4099

2000 - Pontiac Firebird convertible (power top) 3.8L V6, A/T AC PS PA PW ABS, CD premium stereo, permaplate, warranty, reduced to \$23000 925-556-1169

1991 - Toyota Camry 4Dr Wagon, 4 cyl., AT, AC, PS, PB, Crs Contrl, AM/FM, power windows/locks, 93k, good condition, \$4600 925-443-3343

1989 - Olds Cust. Cruiser 3-seat Sta. Wagon V8, auto, all pwr, orig. owner, all records, manuals, 73K mi., Excl. cond. \$3,500 925-447-6978

1996 - Saturn SC2, Blk with blk interior, very sporty, in excellent condition and has lots of options. Manual trans w/79K miles, \$6,500. 925-736-1505

1966 - Red Ford Mustang - new paint, interior, brakes, tires, front suspension & rebilt eng. \$9K. 510-581-3651

1988 - Pontiac Grand Am, Black, 4 cylinder turbo, 30mpg, 5 speed, 147K miles. \$1,500 925-373-2528

1994 - Honda Accord, 75K miles, AC, Pwr steering, AM/FM stereo cassette, Dual Air Bags, Manual transission, Runs Great! \$6400 925-294-8990

1988 - VW GOLF, 2 door, manual trans., 75,500 miles, \$2,200 925-449-7782

1994 - FORD ESCORT GT Hatchback 1.8L, 5spd, AC, PS, PW, PDL, AM/FM/CD, CC, ABS, AlyWls, SunRf, Spoiler, 68K Mi, \$4500 OBO 925-373-2516

1992 - Honda Civic CX hatchback, 5 spd standard w/AC, cassette, 113K miles, regular service. Asking \$3,000 obo 925-846-0993

1994 - Toyota Previa LE AWD Van. Blue ext/int, super-charged engine, A/C, in-dash CD, 84K miles, recent tires. Excellent family transportation. \$8500. 925-519-2130

1994 - Honda Accord LX. Power windows, doors, locks. Red with grey interior, Cruise, AM/FM Cassette & CD. Very good condition. 85,000 miles. \$6,750. 209-835-7995

1990 - Olds Cutless SL Loaded/New Tires Low Miles 53,000 RUNS GREAT \$4,000 925-443-1847

1989 - Jeep Cherokee SUV; dk gray 4x4, 4dr, tinted pwr windows, pwr doors, tilt, a/c, extra camping box w/ tow avail., well maintained. \$4000 OBO. 925-737-3519

1999 - Chevrolet Camero, 2-door coupe, excellent condition, 12-changer CD & cassette, power windows & doors. 33,000 miles \$15,000 925-484-2217

1985 - MazdaRX7, GSL-SE, all laeather, new stereo, seats, 5spd, tach, runs great. 126kmi. Asking \$4000/bo. 925-447-3283

1999 - Chrysler Sebring JXi; silver-green metallic, black cloth top; leather, CD, alloy wheels. Excellent condition, garaged. \$16,500

(BB\$18,500) 510-559-3777

1993 - FORD EXPLORER 4X4 All the bells and whistles very good condition 112k miles \$7900 obo 925-455-8980

1991 - Blue Dodge Stealth ES, 5 speed. Good shape. CD, PW,PDL. New Timing belt, alternator, water pump. 169,000 miles. \$5200 obo 510-535-2134

1996 - Ford Explorer XLT 4X4, 5-spnd manual, Goodyear tires, full mechanical inspection, excellent condition, includes Yakima sport rack system, \$12,500 OBO. 925-373-3340

1978 - /530i-BMW-240K/Miles original owner- Engine 120K/miles. Lots of power. Runs great. Smogged last week. Ready to go. Clean. \$2800. Slept indoors. 925-838-9038

1995 - Volvo 850 Turbo 4-door sedan, exc cond, white w/beige leather int, AM/FM/CD, moonroof, power steering/windows/locks, 120K, bring fair blue book ofr 925-449-6367

1988 - BMW 635csia, 2-dr coupe, silver/gray int, excellent condition, p/s, p/b, p/windows, sun roof, auto trans, a/c, cruise control, 157K mi, \$8000, 925-838-7597

1985 - Jeep Wagoneer, new tires, windshield and more \$800.00 209-832-3135

1982 - Subaru GL Wagon 4WD, exterior/interior rough, runs good, new tires. \$900.00 209-838-1490

1960 - Chevy Impala, 2DR Hard Top, 283 with Auto Trans, A/C, \$3,800 or trade for truck/Jeep 209-652-3730

1995 - Ford Windstar GL minivan. All the standard GL accessories and extras. 63,000 mi. Excellent maintenance. Excellent condition inside and out. \$7,900. 925-830-0637

1996 - Ford Thunderbird LX, V-8, auto, air, all power, Red with Grey int, only 37K miles, \$9,750.00 or B/O 925-634-8523

1993 - Wheelchair accessible van, Ply-Grand Voyager, air susp, fold-out ramp, tie downs, fully loaded, mint, only 58k miles; \$23,250 aft 6pm 209-832-2056

1995 - Mercury Tracer, Drk.Grn, 4dr., 5 speed, 100kmi, loaded, new trans. Very good condition. 209-239-6402

1991 - Camaro RS, Color: Black, 120K miles, T-top, 5.0 liter, interior excellent, CD player runs good \$4,500 OBO 925-706-2971

2000 - Honda Accord EX Coupe, Silver w/spoiler, 4 Cyl, CD, Cass, loaded, excellent condition, \$18,800. 209-833-7056

1991 - 91 Miata, White, w/hardtop, 54K Miles, PS PB PW AC, AM/FM/Cassette, shop manual, excel condition, \$6,500. 925-784-9756. 925-443-3760

1991 - Honda Accord EX Wagon 172K miles loaded, very clean, well maintained, good cond., recent smog \$5300.00 925-447-4406

1976 - Alfa Romeo Spyder, 62K miles, Fuel injected, New clutch, Engine rebuilt, New top, White, \$2,800, FIRM. 925-462-7276

1996 - Ford Mustang. 3.8L, V6, 5 speed. AC, CC, CD, Tilt, PWR pkg, sunroof, spoiler. 80,000 miles. Very nice car. \$8,900. 925-373-4888

1991 - Plymouth Laser Turbo RS Liftback 2D, 4-Cyl. 2.0L, 5 speed manual, front wheel drive, 120K miles, A/C, P/S, \$3K OBO 925-449-4887

1997 - Dodge Caravan SE, Excl. Cond., 3.3L, 61K miles, 7 passenger, 5 dr, new anti-lock brakes, A/C,

Power locks, Cruise, Tilt wheel, AM/PM cassette. \$10K. 209-239-7596

1987 - Toyota Camry Deluxe sedan 4D. Very good condition, grey, AC/AM/FM cass. new tires, shocks, runs great, smog-ready, original owner. \$2,100 925-484-4608

1995 - very nice 1995 Dodge caravan with only 60,000 miles. For information please call 1-510 785-8456

1968 - Mercury Park Lane Brougham Big 4 Door 97k original miles Prime restoration car \$2,200.00 925-634-4974

1997 - Ford Explorer, Eddie Bauer, V6, automatic, all the extras, leather, CD, new Michelin tires, 65K miles, exlnt cond., \$13,750 925-447-2654

1972 - Volkswagon convertable .Runs good, needs side windows. \$2,500.00 obo 925-447-8095

1990 - Nissan Sentra, 5 spd: Good condition, very reliable. Has new parts. Call for info. \$2000.00/neg. 209-832-3496

1990 - Nissan Sentra, 5-spnd: Good condition, very dependable. Has new parts. Call for info. 209-832-3496

1984 - Chevy K5 Blazer, 4X4, loaded, rebuilt 350c.i. engine, rebuilt overdrive trans. Stereo w/subwoofer, CD changer. \$3,500. 209-234-2071

1988 - 4 door Plymouth Reliant sedan ac, at, 80k miles, new battery, brakes and rear shocks excellent running condition \$1200.00 925-606-9847

AUTOMOBILE ACCESSORIES

Rear Bumper, TJ Wrangler, Bumper/Caps/Hardware, OEM, 2001 Jeep, Excl. cond. \$20. obo. 925-443-3970

15x7 MAG WHEELS, four bolt, fit Ford, 1988 Mustang, others only \$60 for all 4 925-447-7070

1900 -Haynes Repair Books Ford Merc/Tempo 1984-1987 1 each Toyota Camry 1983-1991 1 each \$5.00 each 925-634-0423

Yakima Bike Rack, mounts on the rear spare tire of a Jeep or SUV, holds two bikes, excellent condition \$50.00 925-373-1166

Truck WHEELS 15 inch Six bolt steel, all 4 for \$60, or 2 for \$40. 925-447-7070

Ford 302 heads. Completely rebuilt and ready to bolt on. \$500 925-455-1967

Car cover, universal, blue canvas. Great condition. Paid \$100. \$25. 925-648-0671

Carburetor, Edelbrock #1400, 4 barrel 600 CFM CA legal, Electric Choke, ERG and vacuum ports. Used 8 mo., to big for my engine. \$270.00 new, \$140.00 925-443-7729

4 Tires w/ Rally rims-205/60 R15. Fits Chevy 5 lugs. \$500 OBO. Cell# 925-548-4524. Home# 925-371-7066

Third seat for 97 expedition, gray cloth, \$100 or best offer. Call after 6 pm or weekends. 209-825-1776

4 Yokohama tires 195/60/15 \$140/obo 510-732-5885

White tonneau cover for mid-size pickup truck. Was on 1992 Dodge Dakota. Sells for \$600.00 new-asking \$200.00/OBO. 925-447-7613

Ski Rack, Barrecrafters, adjustable/lockable w/keys, fits vehicles w/rain gutters, holds 4 or more sets of skis/poles, \$60 on eBay, \$40obo. 925-837-4542

BED LINER: Fits 1998 SB Chevy Silverado X-Cab - \$145.00/neg. 98 Chevy Nerf Bars - \$200.00. Weather Guard Tool Box - \$200.00. 209-832-3496

BICYCLES

Childrens Diamond Back mountain bike. 20 inch wheels, 18 speeds. Great second bike for 7-11 year old child. \$40.00 925-606-6515

Trek 12 speed road bike. Steel frame Shimano 105, Look pedals. Good cond. \$90./BO. 925-443-3447

BOATS

29 feet CASCADE 1965, coastal cruiser/delta dawdler - sleeps 4. Well maintained plastic classic. Full boat cover. \$8000 925-455-1392

17 ft 1980 Wellcraft boat. Volvo 140 mtr, 280 penta outdrive, Trolling mtr, fish finder, downrigger, AM/FM radio, Great fish/ski boat. \$5000 bo. 209-869-5362

1976-19ft. Sea Ray Seville bowrider. New canvas top. Recently mechanic tested & maintained. I/O motors. V8 engine. 209-463-9900

Aluminum boat w/ trailer, 14ft, 20hp. motor. \$1000.00 209-481-6375 or 925-443-3883

Fold-up Portaboat. Light, easy to handle and transport. Great for fishing small lakes/streams. \$350 925-443-6268

CAMERAS

CamCorder, full-size RCA CC-250, with a problem. Records and plays almost always, but shuts down sometimes. Two batteries and VCR cable. \$20.00 OBO 925-443-7729

ELECTRONIC EQUIPMENT

Spacemaker AM/FM Stereo Radio/Cassette, \$5. Mounts under cabinet. 925-447-7585

Lexmark Z32 Color Printer Never used in Original package: \$45.00. Panasonic UX182 Termal paper FAX. Includes 3 rolls of paper: \$30.00 925-833-8771

iMac Computer, 4 GB Hard Drive, 64 MB built-in memory, 8.6 OS. Canoscan FB630U USB flatbed scanner. 100 MB lomega Zip Drive. Total \$700.00. 775-265-1506

Mitsubitshi 45 inch rear projector TV, needs repair \$150. Call after 5:30 pm. 925-371-6485

25 inch TV console. Maple color wood. Good condition. Lost remote. \$45/obo. 209-832-2790

B&W PowerMac G3 350 mHz, 128 mb memory, 6 gb disk, DVD-ROM, keyboard, mouse. \$500 Monitor extra. 925-634-3371

Macintosh Laser Writer II, commercial quality printer. Excellent. \$50.00/offer. 925-606-6515

TV GE 42 inch. Just back from checkup. Great Picture. Oak trim cabinet. Will not fit in opening. \$200 obo. 925-449-3737

MAC Performa 6400, 180MHz, 90MB memory, 200MB hard disk, ethernet card. Includes CPU, monitor, keyboard, scanner, Apple printer (needs work). \$350. 925-846-3653

TOSHIBA 27inch TV, excellent condition. Stereo sound, Paid \$700. \$180 OBO. Wife (husband and NFL) wanted upgrade. 925-426-8156

Complete High-End audiophile stereo system for sale. Vandersteen, McIntosh, Marantz, B&K. 510-531-4668

GIVEAWAY

Giveaway: Four- new, fluorescent bulbs. Six foot length with round tip ends. 209-544-6266L shaped wood desk 30x60 w/ 17x46 attachment 5 drawers total. PC 286 DOS w/ additional software, monitor, keyboard & mouse. 925-829-2848

Sears Kenmore washer. Works good. Replaced getting ready for retirement. You pick it up in Discovery Bay and it is yours. 925-513-3538

Sanyo 3000 Rapid Vehicle Charger(CPC-4), for SCP4500 Cell Phone. 650-627-8453

Sofa. dark blue-green, fair condition. 925-443-2465

Chrysler Cordova. Free 2 a good home. U haul U keep. 209-957-3289

Macintosh StyleWriter b/w printer. 925-606-6515

Stanley, electric garage door opener with remote. Works fine. All parts and instructions. 209-544-6266

Firewood. About 0.5 cord including some aged oak and kindling. Take all. 925-462-8811

Used steel plumbing pipe about 13 pieces about 4 feet long, mix of 1/2 and 3/4 inch -Free 925-447-8415

HOUSEHOLD

Two solid oak parquet tables. †Excellent condition. 28 in square x 20 in high, \$50. † 36 in square x 15 in high, \$60. Call eve. or leave message. 925-447-1826

Whirlpool washer \$75.00 Whirlpool stove gas 125.00 Kenmore refrigerator 18 cu.feet FREE 925-634-0423

Firewood storage rack, tubular steel, holds 1/2 cord, folds for storage, made in USA, brand new never used. \$30 925-846-3653

Beige leather sofa excellent condition \$400. Nightstand \$15. Call Eves: 925-828-6568

Living room set: sofa, love seat (smoky blue), matching end tables, coffee table (walnut). All excellent condition. \$200.00 obo for set. 209-835-6062

Lawnmower-gas, Murray 20in. rear bagger, good cond \$40. 209-833-1201

1984 Amana Radarange 1500W microwave, \$15; wooden kids table, \$2; large wooden rocker - needs refinish, \$10. 925-447-7585

Dining room table, solid oak, one leaf 4 chairs. \$300 925-447-4797

GE Upright Freezer wht frostfree 4yrs old cap.20.3 cubic ft \$275.00 exc.condition 209-823-9607

5 plastic 55 gallon fruit barrels with screw down lids, only \$10 each. Clean and in great shape. Cost \$18. 510-791-8623

Refrigerator, 17 cu. ft., white, clean, works great, \$95. 209-823-4795

Air Compressor, Emglo DVS, 100% duty cycle, 150psi, dual control, 8 gal. twin horizontal tanks, like new, call for price. 925-837-4542

Beautiful antique Armoire. Must sell. 925-449-7751

Oak Entertainment Storage Unit and lighted Curio deck. Lockable drawers, glass enclosed shelves, vcr/dvd area. Excellent! 53Lx71hx16D. \$250/bo 925-449-4261

Pecan wood end tbl & Butlers coffee table by Bernhardt, † \$75 both. † Teak table, 36x54, ext to 92, \$50. 925-373-7766

Due to space limitations, Newsline may withhold ads that have already run. They will still appear on the Web.

See complete classified ad listings at
<https://www-ais.llnl.gov/newsline/ads/>

CLASSIFIED ADS



Bunk beds, solid maple, New England made, with mattresses, \$200. 925-447-0666

PAMPERED CHEF, if interested in home cooking show, great host benefits, good Xmas presents, lots of fun, call 925-447-6192

For Sale: Gas Dryer; Electric Stove; 3 Water Beds; Reclining Chair; 4 Wooden Bar Stools; Coffee/End Tables; And A Large Desk. 925-373-1468

Waterbed - Super twin mattress, very good condition, dark wood, 12 drawers, headboard, \$175 OBO 925-447-3497

Dishwashers (2): Both are built in. GE potscrubber, white, only 7 yrs old. Both in very good condition. Call for prices. 925-449-7570

Designer convertible sofa. Custom fabric. Excellent condition. Cost \$1600 new; sell for \$350. 925-449-2230

Refrigerator-Kenmore Harvest Gold color, top freezer - 19 cu ft- attractive -good condition- icemaker available - \$50 w/o icemaker, \$75 with 925-447-8415

Toddler table and chairs, wood w/ washable surface \$25, LittleTikes car \$10, Boppy pillow \$10, Graco jumper \$15. 925-454-0877

Hutch, Danish Modern, teak veneer, glass display doors on upper section, very good condition, \$75 925-443-5549

REFRIGERATOR - Magic Chef, 11 yrs old, works great. \$75 OBO. In Stockton. 209-957-2959

Like new futon frame \$25/bo, Large heavy metal desk \$20/bo, Old usable computer chair \$10/bo 925-454-9431

Garage Sale - Sat. 9/22, 9am-2pm, household items, windsurfers, dining set, computer, printer, etc. 209-834-1522

Two 4 light fluorescent fixtures (20 x 52 inches). Solid oak crown molding. (new \$120) \$50 OBO. 209-239-5685

Hooked on Phonics, Reading and Math for all ages, excellent condition, \$85. obo. 925-443-3970

BED: Full size, hardly used, excellent condition \$225 209-823-3211

Hospital bed, Mobilite, powered head and foot controls, \$150 925-447-7751

Refrigerator - GE Profile, white, 24 cubic feet, side-by-side, ice and water on door, excellent condition. \$250.00 925-447-7160

Sectional couch, pastel color, very nice, \$500/OBO. Moving soon; must sell! 925-449-0789

2 FullMattresses, 1 Boxspring, Twin/Full Tubular Bunkbed, GeorgeForeman Grill, 27wx53h Beechwood Mirror, HandOperated Meat Slicer. Call for Prices. 925-443-1673

Macys Jonathan Louis chair and a half w/ottoman sage color 2 yrs old \$600; Drexel Heritage dining room table+8 chairs light cherry wood \$3200 925-518-9469

Furniture. Dining table (maple), oak coffee and side tables, three futons, oak dresser, refrigerator. All xlnl cond. Best offers. 925-426-8196

Sectional w/sleeper-\$200; Sofa table & coffee table-\$30 ea.; Kitchen Table w/ 4 chairs-\$100; Metal bunk bed-\$30; Dresser & 2 nightstands-\$50 925-634-0627

Two sofa-loveseats light color, excellent condition \$99 each. †447-1826 eve. or leave message. 925-447-1826

Couch and loveseat, want to sell before we move. Great condition blue and mauve print, couch opens

to a bed. Asking \$300.00 209-543-7950

Broyhill, 4 piece bedroom set- armoire, nightstand and dresser with large attachable mirror. Excellent condition, only 4 years old-\$1500 925-803-9550

LOST & FOUND

Found in East Parking Lot of B-170: Gold Hoop Earring, rounded oblong shape. 31544. 925-449-5560

Prescription Eyeglasses in a hard brown case left in a bicycle outside of b111 on Friday, Sep. 14. 510-482-5359

MISCELLANEOUS

Apples, Golden Delicious, 20 cents per pound, lunch box size. 925-447-4521

2002 East Bay Entertainment Books \$30.00 to support Livermore American Indian Ctr. New Boys Levis, size 7, 7x, \$15.00 925-516-2728

Baby crib & change table. White-washed Oak, like new. \$300.00 209-543-6788

Toddler bed with mattress great shape \$25, stroller sit and stand by baby trend LX3 great shape \$75 OBO. 925-447-4797

Two Alan Jackson concert tickets; front reserved; 10/6-Konockti Harbor Resort-6:45pm; \$80.each. 925-449-0905

Multiple family GARAGE SALE! Items incl exercise equip, baby equipmeht, toys, clothes and much more. 10/6/01 8-3 373 Knottingham Circle, Livermore. 925-373-7658

Jaguar jacket, Winnermate Sportsware, size large. Black with turquoise trim. Worn once. Paid \$65 at Auto Enthusiast in Danville. \$25. 925-648-0671

Estate sale at 3910 East ave on Oct. 6th, 9am. Furniture, dishes, silver, clothes, lots of stuff 925-371-1465

Cleaning Tank. Like New. \$75 925-606-0480

Radial Arm Saw, 10 in Craftsman on rolling cabinet, dust catcher, extra blades, dado, accessories. \$275, 925-294-8359

Garage Sale, multi-house, Saturday Oct. 6, 8:00 a.m. to 1:00 pm, Brookdale Court, Livermore. Furniture, toys, clothes, etc. 925-449-4796

Cherrywood standing jewelry box: Top opens for rings; lots of drwrs and two side cabinets to hold long chains, bracelets, etc. \$50/obo. 925-447-8264

Log splitter, 16 ton, trailerble, 800.00 or best offer. 925-449-8435

Fishing club (Bass): Diablo Valley Hawg Hunters; last Tuesday of the month @ Livermore Airport Terminal bldg, 7:00 pm. Boaters/non-boaters welcome. 925-443-2114

Fit-One Exercise Ski Machine. Like new. Paid \$300. Sell for \$50. 209-832-2790

Agapanthus: 4 inch pots, 16 oz cups \$1.50 each or 4 for \$5 925-447-6192

Ryobi Trimmer Plus, gas powered string trimmer, brush blade, blower vac attachment, used 1 season, like new, \$125 925-462-2543

Carpet Kit - Fits small size, short bed truck. Excellent condition. \$150.00 925-449-8035

Hamilton VR-20 electric drafting table/accessories, \$150. 925-447-5399

Solid walnut cabinet 68 inches wide,

32 inches high, 21 inches deep, 4 sliding doors \$150.00 or best offer 925-447-4521

MATERNITY CLOTHING: Fall/Winter, size XL, excellent condition, all for \$70. Spring/Summer also available. 209-823-3211

Tablesaw, Craftman with two extensions and drawer on roll-around stand. \$125 o.b.o. 925-606-1791

Ash vacuum for removing ashes from wood burning stoves and fire-places. Keeps the dust down. Barely used. Paid \$100, asking \$30. 925-846-3653

RBI Hawk 220 Scroll Saw, excellent condition, with floor stand, speed controller foot switch, multi blades and holder. \$800/OBO 925-846-5550 925-846-5550

49er season tickets(2), sec 60, 8 games \$800 209-825-9961

MOTORCYCLES

2000 - SUZUKI DR650 dual sport, only 1400 mi, like new, garage kept, paid 6k new, moving must sell \$3500firm 925-961-0601

1970 - Honda Trail 70 on/off road mini motorcycle. This Trail 70 is in excellent original condition, starts and runs strong. \$799. 925-371-8257

1995 - Harley-Davidson XLH Sportster 1200. Great bike! Black, chrome, windshield, bags, pipes. 24K miles. \$7500. 925-560-1129

MUSIC INSTRUMENTS

Clarinet. Selmar B-Flat clarinet, good condition. \$300 OBO. 925-447-4345

PETS & SUPPLIES

Misc pet supplies: underground fence, \$10; cat travel carrier, \$5; oversize litter box with hood, \$1. 925-447-7585

Pomerian Puppies Two males \$400.00 with AKC papers. 209-951-1934 leave message on machine. 209-951-1934

Alaskan Husky, young male adult. Playful, friendly, likes cats, needs room to run. Free to a good home. Save me from the pound! 510-582-0333

Chinchilla + cage and accessories. Cuddly pet with nice personality. \$35 209-239-5685

Lab Puppies: Yellow, 1 female and 1 male, 4 months old. All shots given. AKC papered, and great lineage. \$550.00 209-754-3327

RECREATION EQUIPMENT

Golf Clubs Calloway X14 pro series R/H steel shaft 3-PW excl cond \$700. 209-833-1201

Fencing Equipment, hardly used. Medium Negrini mask and small, right-handed, Spanish-grip foil, \$125 for both. 925-447-4345

Portable basketball backboard, good condition. \$100. 925-485-1988

Nordic track, \$100. 925-447-0666

Booster Seat, for small child 30 to 80 pounds, use with built-in harness or car seat belt, excl. cond. \$35. obo 925-443-3970

Weight machine AVIA Infinity multi-stations 150lbs excellent cond \$150.00 u-haul 510-537-0698

Portable pool. Large 15 x 22 x 4 ft including filter/pump & pool sweep. 2 months old. \$5000 new \$2000 u-haul. 209-239-0663

Weider exercise bench with most bands, \$40/bo 925-454-9431

1978 Starcraft Tent Trailer. Great condition. \$1500 925-443-6268

Backpacking equipment. Kelty 3 person/ 3 season tent. \$50. Camp trails intenal frame backpack. \$60. Synthetic fill mummy style sleeping bag. \$20. 925-245-4570

77 Cessna T-210, 20% share, king radios, O2, autoplt, 2300 hrs. Fresh annual, Based at LVK. 925-443-8831

Waterman 15cfm watercooled compressor with fill panel and storage bottles. Wet Suits, miscellaneous SCUBA equipment. 209-239-3347

Stepper. Excellent condition, great workout. With computer for tracking calories, distance, time, number steps, etc. \$75. 925-443-0743

SNOWBOARD Hazard brand, size 51, red with bindings. Excellent condition \$200 209-599-5071

Universal weight machine, with 10 stations. 200lbs. excellent condition asking \$600. 209-239-3918

RIDESHARING

Express your commute, call 2-RIDE for more information or visit <http://www-r.llnl.gov/tsmp/about-tsmp.html>

Modesto - 14 psgr luxury van pool, 8-4:30 schedule, \$113/month - less if you want to help share driving? 209-521-9047, ext. 2-5177

Orinda/Lafayette/Moraga - Lamorinda carpool looking for 4th member, lab hours 8:15am-5pm 925-253-0498, ext. 2-9823

Danville - Diablo Rd./Front St. area needs driver/rider to complete four-person carpool. 8:15-5:00. 925-831-1569, ext. 2-9858

Walnut Creek - Would like to start carpool from Rudgegar Park and Ride. Hours 7:15-4:15. 925-938-3570, ext. 4-3385

Ceres/Modesto - 14 psgr Enterprise luxury vanpool, 7:00-3:30, \$120/month 209-537-0229, ext. 3-6631

DANVILLE - near Camino Tassajara & Crow Canyon - 2 drivers/riders seeking additional members to carpool from south Danville. 8:00 - 4:45. 925-736-1991, ext. 2-1039

SERVICES

Want someone to clean your house 1-2 times per month? Give us a call to discuss the details. 209-836-9082

Headshot Photography for actors, entertainers & musicians - Livermore studio - 925-449-0107

Painting Interior, Exterior Quality Work Quality Paint. Neat And Clean. Free Est 925-447-0589

Tutor available. Honors high school student available to tutor in multiple subjects, \$10/hr. 925-447-4345

Exterior House-Painting - Quality work w/over 15 yrs experience. Free estimates. 925-447-5132

Roofing, 28 yrs experience, fully insured, free estimates 925-454-9200

20% off on a professional massage. Get rid of your stress and muscle pain. Swedish, Shiatsu, deep tissue, and more. 510-791-8623

CoDA-- Codependents Anonymous meets LLNL Tuesdays Noon B571/R2016. Support better relationships! Come, or Info 925-447-7070

TUTORING in high school and college chemistry and math. 925-443-2095

Manteca Area - Babysitting and Pet

Services. Very reliable. 209-823-5085

Need someone to teach me how to make costume jewelry using rhinestones. I would like to make pins & earrings. 925-455-6835

Tree Service - trimming, thinning, removal, stump grinding and brush clipping. 925-449-2087

SHARED HOUSING

Livermore - - Room for rent in large house on south side of town. Full privileges, space available for gardening, no smoking. \$650/month. 925-371-2265

Livermore - Room in 3BD/2BA house, furnishings available, all privileges and amenities even cable modem, convenient, a great find! NS/NP, \$450 + 1/3 utils 925-449-3165

Livermore - - 2 Rooms Available \$675/month, full privileges, 1/3 utilities, free internet, 5 miles from lab, beautiful new 2 story home, garage parking. 925-209-3549

Livermore - Springtown. Separate entrance, 1 bedroom, w/kitchen, dinette, living area, bath. N/S, N/P. Single person. \$650/mo plus utilities., deposit req. 925-455-8108

Livermore - - Room available, private bath, simple furnishings available, full privileges, quite, N/S, N/P; \$500 + partial utilities. 925-455-5362

Livermore - Available in Springtown, Separate entrance, 1 bedroom, w/kitchen, dinette, living area and bath. N/S, N/P. \$650/mo plus utilities, 1 month deposit. 925-455-8108

37 Yr. Old women with two children wishes to share a home with someone who needs elder care or care in exchange for rent. References 925-447-2076

Livermore - -Room/private bath, full privileges, N/S, no pets, quiet, woman preferred, \$600/mo, 1/2 utilities except phone, \$350 deposit 925-294-5977

Livermore - Room for rent, beautiful home on 1 acre next to vineyards, spa, bike to lab. Internet & digital cable. Kitchen & laundry privileges. \$450-\$550 925-373-2910

Livermore - -room available, 4.5 miles from Lab, \$450/month, utilities included. Single, N/S, no pets. Share kitchen, laundry facilities. 925-443-3326

Livermore - Room available, quiet and clean, re-painted. 450/mo. + 1/3 utils. and deposit. 5 mins. to Lab. Non-smoker/drinker, no pets. Single perf. female. 925-449-3776

Dublin - ,Room to rent, \$650 mo. \$600 dep. 1/2 utl. non-smoking, no drugs/pets, available Oct. 1st. 925-828-6790

Modesto - Room for rent, separate bath. Easy to get along with. Very clean. \$325.00/Month. Please leave a message. 209-537-8458

Room for rent at a beautiful home in Discovery Bay, Ca. Very Clean. \$600.00 a month, 1/3 utilities. No pets, no smoking, and no partying. 925-240-0078

Livermore - Room for rent, 9 miles in the country, partly furnished in a 2BD, 1BA house. 925-371-5371

TRACY - furnished room in 4br/2bth house. Shared use of kitchen, bath, laundry. Utilities incl. \$450. 209-833-1201

Livermore - Room w/private bath, new house, full privileges, cable, bike, biweekly maid service included. 2.5 m from Lab, quiet, \$500 plus phone/utilities 925-209-7429



NEWS YOU CAN USE

"We maintain stock in over 130 areas throughout the Lab and Site 300."

Shop Stock

Let Shop Stock be the answer to your supply needs, including "nuts and bolts" hardware, office supplies, lab equipment and electronic components. We'll send a person to your area to stock those fast moving, low-value items.

The benefits of using Stock Shop

Cost effectiveness
Fast response to customers
Three-week stock inventory
New product lines

Easy reporting for usage
Partnering
Annual usage reviews
Vendor problems handled

Our reps have Unicard and TRR capabilities

Vendors include Boise Cascade, Allied Electronics, VWR, Newark Electronics and Buckles-Smith



For further information or a brief presentation in your area, call Ron Young, team leader for Shop Stock, 4-4100 or pager 5-5276.

INTERNAL TRANSFER OPPORTUNITIES

Tag	Requisition	Classification	Title	Organization
DT	2983	105.3	Program administrator	Defense & Nuclear Technologies
TI	2932	150.2	Senior resource analyst	Technical Information Department
LS	2948	197.1	Department head	Telecommunications & Site Utilities
AD	2377	200	Scientist/engineer/	Director's Office
CH	2893	200	Scientist	Chemistry & Materials Science
EE	2977	249	Electronics engineer	Electronics Engineering
ME	2857	249	Engineer/data analyst	Mechanical Engineering
ME	2938	249	Engineer	Mechanical Engineering
ME	2650	405.4	Hiring coordinator	Mechanical Engineering
PM	2888	462.1	Material handler	Procurement & Materiel
PM	2889	462.3	Material handler	Procurement & Materiel
ME	2855	533.2/3	Technologist/Sr.	Mechanical Engineering
EP	2739	533.2/3	Mechanical technologist	Environmental Protection
PE	2865	862.1	Maintenance mechanic	Plant Engineering

More information on these job postings as well as those at other UC sites and outside organizations is available through the World Wide Web. Go to the Lab's internal home page, click on "Employee Resources," then click on "Jobs."

TRUCKS & TRAILERS

1989 - Nissan SE-V6 King Cab Pickup, AC, 5-speed, new tires, 103K miles, top-of-the-line, well-maintained. \$4900. 925-454-8827

1998 - Toyota Tacoma Xtracab Pre-Runner Pick-up. Excellent Condition. Automatic. AM/FM Cassette. A/C. Bed Liner. 40k/miles. MUST SELL. \$14,500. 925-634-0360

1978 - Chevy Luv pick-up, 4 cyl, manual trans, recent exterior paint job, runs good, \$2000 510-538-7444

1990 - GMC Suburban, 2500, 4-wheel drive, white w/blue interior, very good condition, 236K miles, \$5,000. 925-640-3686

1984 - 27 foot Jamboree motorhome, 460 Ford 71K miles, newer carpet, couch 3 way fridge, heater, sleeps six, new tires, recent tune up. \$11,300, OBO 925-447-4797

1991 - Ford Bronco. Eddie Bauer. Excellent Condition. 85k miles. \$7,500 obo 925-516-3768

1978 - Chevy-3/4 Ton/350 Engine, orig owner, 61K miles, Dual gas tanks & battery, Flowmaster exhaust, chrome rims & bumper, other extras \$4,000 OBO - Mike 925-447-2047

1998 - Chevy S10, 4 cyl, 3dr king cab, snug top, tow pkg, custom tint, low mileage 24k \$11,000 OBO 925-634-3318

1995 - Chevy Tahoe 4x4, 78K miles, great condition, Blue exterior and interior, \$14,900 or OBO 925-449-1509

1992 - Ford F250 custom. New paint, tires/wheels, brakes, camper-shell, bedliner, storage kit & more! \$7k obo. 209-832-2790

1995 - 3/4 ton Dodge Conversion

Van, V-8, TV/VCR, excellent cond., power rear seat/bed, oak cab./trim, captains chairs, many extras. \$12,500 or obo. 925-454-1526

97 - Blk Toyota Tacoma, under 50K, great cond, 4wd, must sell for move, take over payments!! 209-474-6062

1990 - Ford F250, XLT Lariat, Extended Cab, Deisel, w/Banks Power Pack, many extras, \$6250. 209-946-0645

1954 - F-100 302, C4, runs great, tinted, pws/seats, extra stock & custom parts, 350 miles, primed, you finish to suit. \$5000 925-679-1288

1987 - Dodge Dakota LE V6 74,000 Miles \$2,200 925-679-0310

1979 - Ford Econoline 350 van. 1 ton 351 M small block. Runs great. \$1000.00 or best offer. 510-278-5842

1993 - GMC Yukon SLE, 4x4, original owner. 84,000 miles. Good condition, \$11,500. 209-836-3041

1963 - Ford Truck F100, Drive crane good, started restoration. \$1000 209-239-6402

1990 - Chevy Pickup Longbed. V8, 5.7 4 Spd, 4WD. New AC, Power Steering, Tilt Wheel, AM/FM Cassette, Bedliner, Toolbox, Shell, New M&S Tires, \$6,400 925-443-9003

1996 - Circle J two horse slant \$2500 firm 925-437-1737

1996 - Ford F150, 4WD, Extended cab, long bed pickup. New A/T tires and wheels. Guidon shell and pipe/lumber rack. \$13,500 or Best offer 209-832-9534

1985 - Blazer w/custom pop-up camper. Great for pulling boat or trailer. Excellent condition; Qbed, sink, two-burner stove, ice box. \$5500 925-443-6268

1990 - Chev Pickup Longbed. V8

5.7 4 Speed, 4WD, 205K New AC. Power Steering. Tilt Wheel, AM/FM cassette, Bedliner, Toolbox, Shell. New M&S tires \$7,700. 925-443-9003

1997 - Ford Ranger 4 cyl 2WD Long Bed Air Radio Shell Great On Gas \$5600 209-754-4228

1986 - Toyota Turbo 4x4 - 186,000 miles, new tires, original owner. Asking \$3,500. 925-371-4447

1992 - or so, white tonneau cover for mid-size pickup truck. Was on 1992 Dodge Dakota. Sells for \$600.00 new-asking \$200.00/OBO 925-447-7613

1998 - Chevy Silverado 4X4 3 door ext.cab PS/W/DL C/C CD, towing pkg, ext. warranty and more. 21k miles. \$21,750 925-443-8831

1998 - JEEP Wrangler SE. 4X4, 5 speed, 35,000 miles, red. EXTRAS, Never wheeled, 100% Perfect. Original owner \$13,950 or B/O 209-763-2669

1995 - Sportsmen 28 ft. trailer; like new inside \$7,500 or best offer 209-825-9961

VACATION RENTALS

Maui, HI, condo, RCI Gold Crown, large 1 br. 2 bath sleeps 4. May 9 through 16 or call early for different week, web site discount. 925-447-0856

Soda Springs/Donner Summit, Classic A frame, 2BR/1BA+Loft, sleeps 8, conv to biking, hiking, everything. call for availability 209-836-3481

Maui - Wailea, Ekahi, 1 bdrm, 2ba tropical beach resort. Available 11/12-22, 12/1-9. Also large cabin in Arnold, CA. 510-582-9262

SOUTH LAKE TAHOE - 3 Bedroom 2 Bath Chalet, nicely

furnished, all amenities, Park with Lake, tennis etc. Off-season Rates! Reserve Now! 209-599-4644

Maui, HI - Kahana Reef ocean-front 1BR/1BA condominium. Beautiful two-island view, ocean-side pool, and BBQs. Low LLNL rates for year-round reservations. 925-449-0761

Pinecrest - (Off Sonora Pass Road), 3 bdrm/2 bath, frplc w/wood, microwave, barbecue, pool table, large deck and view up No. Fork of Tuolumne, \$175/wknd. 925-449-5513

Twain Harte - Fully furnished. 2bdr 2full bath. Washer, dryer, microwave, cable TV, VCR, dishwasher, and more. Close to Pinecrest Lake. \$150/wknd \$300/wk. 925-443-2808

Maui, HI - Kahana Reef ocean-front 1BR/1BA condominium. Beautiful two-island view, ocean-side pool, and BBQs. Low LLNL rates for year-round reservations. 925-449-0761

WANTED

Garfield items and seashells, all types, free or cheap. Sundays newspaper coupon inserts and all other coupons. 925-516-2728

Desk top transcriber for full size cassettes with foot controls & head phones/jack. 925-454-1526

Wanted: 100 foot electric sewer snake, in good condition. 925-447-3618

Used printer for Mac and toner cartridges for Style Writer II at reasonable price. 209-531-1527

Toddler toys, crib, youth bed, size 3 or 4 roller blades, hallooween costume for large 6 year old boy. 925-455-0164

Wanted: SHARKS tickets!

Regular season, weekend or night games. 510-635-2734

Wanted to buy: Standard red clay bricks. I will haul. 925-606-0260

Looking for a used cruiser style motorcycle in good mechanical shape for a reasonable price. 925-443-4639

Wanted, old computer for school project, 209-883-1847

Truck Wheel - One 15 inch X -7 inch wide, 5 bolt wheel needed for my 77 Dodge Truck spare tire. 925-443-7729

Wanted: NuSkin distributor to buy Celltrex from. 510-530-1884

Bike Trailer - that holds two children, good condition, reasonable price. 925-837-0863

Need Patio chairs & table for reasonable price or giveaway. 925-292-5051

Used metal fence panels. Galvanized type preferred. Good condition. 925-447-7912

Housekeeper wanted in Danville to clean couples house every month. Must be reliable, dependable, honest and thorough. 925-648-0671

Fun Players Wanted: Recreational non-competitive flag/touch football on weekdays or weekends. All skill and no-skill are welcome. 925-924-1359

Wanted: trumpet for beginner. Phone evenings or lv. msg. 925-449-9368

Baseball glove for lefthand. mask and snorkel gear w/ or w/o fins, gravity boots. 510-531-4399

Viewsonic PT795 monitor - discontinued model 925-447-8415

Help Wanted - \$12.00 hr. to drive me and my 7 year old daughter to appts. in my specialty

R&D*Continued from page 1*

This year's R&D 100 awards, nicknamed the "Oscars of invention," were presented last night at a black-tie dinner at the Chicago Museum of Science and Industry.

The Laboratory has now captured 85 R&D 100 awards since 1978. This year, Energy Department/NNSA labs won a total of 23 R&D 100 plaques.

"We are exceedingly pleased by our continued success in the R&D 100 judging for top industrial inventions," said Jeff Wadsworth, the Lab's deputy director for Science and Technology. "These advanced technologies benefit the nation and reflect the Laboratory's tradition of multidisciplinary teams working together."

Discovering genes faster

In the process of studying breast cancer, scientists in the Laboratory's Biology and Biotechnology Research Program hit upon a shortcut for discovering genes in the chromosomes of any plant or animal genome.

The new technology, called Gene Recovery Microdissection, was invented by biomedical scientists Allen Christian, Matthew Coleman and James Tucker.

"Genetic diseases frequently require genetic cures," Christian explained. "Our Gene Recovery Microdissection method will make finding the genetic causes of diseases much easier."

As an example, Christian pointed out that biomedical scientists don't know the cause of about 95 percent of breast cancer cases, adding the new technique will ease efforts to learn the underlying genetic causes.

"As a mapping tool, this technique lets you know what genes are where and how they're being used —

with many times less sequencing than was previously needed," Christian said.

Derivatives of the technology could also be used to sequence bacteria without growing those organisms in culture. "This advance would be especially important for drug discovery, since more than 95 percent of bacteria can't be grown in culture and thus can't be sequenced," Christian noted.

Marking safety-critical parts

LLNL laser scientists, led by Lloyd Hackel, collaborated with a New Jersey firm, Metal Improvement Company Inc., to develop a way to permanently mark safety-critical parts for airplanes, hip replacements or other uses.

Known as the Lasershot Marking System, the advance uses a high-intensity Livermore laser and optics technology to imprint, with a single laser pulse, a machine readable pattern that contains up to 100 times more information than a bar code in the same space.

In effect, the Lasershot Marking System allows manufacturers to mark parts that are important for safety without the danger of fatigue or stress-crack corrosion induced by other marking methods.

For example, a recent study of 10 patients who underwent hip replacements and experienced fatigue fracture of the implant, one as early as within 19 months, found the fractures started through identification characters etched on the joint implant.

"In these cases, the disturbance of the surface caused by the marking method directly led to the failure of the medical implants and the failures would have been prevented by the Lasershot marking method," according to Hackel.

In August, an array of test samples marked with the Lasershot technology was launched into space aboard the Discovery space shuttle. The samples were space walked out and attached to the exterior of the International Space Station to evaluate the effects of

exposure to the environment during a year in space.

The laser marking system was developed by Livermore researchers C. Brent Dane, Lloyd Hackel, John Honig, John Halpin and Hao-Lin Chen, as well as Metal Improvement researchers Fritz Harris, Laurie Lane, James Daly and James Harrison.

New laser glass process developed

Working in conjunction with researchers from Schott Glass Technologies and Hoya Corporation USA, LLNL scientists have helped invent a novel continuous melting process for producing high-quality laser glass.

Instead of manufacturing one piece of glass at a time, an assembly-line production method has been developed to make meter-sized plates of laser glass at a rate 20 times faster, five times less expensive and with two to three times better optical quality than previous processes.

The neodymium-doped phosphate laser glass is being produced for two football-stadium-sized laser facilities — the National Ignition Facility, or NIF, at LLNL, and the Mega Joule Laser in France. Each laser system will require 3,000 to 4,000 meter-sized pieces of laser glass.

With the advance in laser glass production, it is now possible to build high-energy, high-peak-power lasers, such as NIF, that would have been impractical with old technologies.

The continuous laser glass melting process uses seven separate operations, carried out in separate vessels that are interconnected, to convert high-purity, powdered raw materials into a continuously moving strip of laser glass.

Livermore researchers who helped develop the technology are: physical chemist Jack Campbell, materials scientist Tayyab Suratwala, chemical engineer Chuck Thorsness and chemists Paul Ehrmann, Rusty Steele and Michael Riley.

SURVEY UPDATE*Continued from page 1*

Deputy Director Jeff Wadsworth and AD Jan Tulk.

- Work/Life Balance, AD Wayne Shotts and Bruce Warner.

- Employee Empowerment, AD Bruce Goodwin, acting AD Bert Weinstein.

The two focused areas are:

- 800s/900s, AD Steve Hunt and Jens Mahler.
- Postdocs — AD Bill Goldstein and University Relations Director Laura Gilliom.

"It is important to get a good cross section of our workforce on these teams in order to assure the proposed actions respond to the broad spectrum of employee views and institutional needs," said Jan Tulk, AD for Administration and the co-chair of the Survey Action Steering Committee.

"The Survey Action Teams will determine how the Lab can best address the focus areas," Deputy Director Jeff Wadsworth said. "We are looking for people who will help find solutions to problems and help develop implementation plans."

Each Survey Action Team is responsible for:

- Analyzing and interpreting the results of the recently conducted survey.

- Analyzing the Laboratory's strengths and weaknesses.

- Identifying "best practices" as needed.
- Defining goals and objectives for survey follow-up actions.

- Flagging those items that could cross-cut another SAT's focus area;

- Recommending to the SASC specific action options and priorities, and considering and identifying possible diversity, communication, and management implications of such actions;

- Recommending to the SASC proposals for monitoring and accountability.

In addition to actions that can be accomplished in the near future, teams may have recommendations for actions that are longer term.

Each Survey Action Team will consist of 10-12 members. Each team will also include support from Human Resources, Public Affairs, and other organizations where appropriate.

The team portion of the action planning process is

Survey comments available

Written comments from the Employee Survey, "Assessing the Workplace," are now available to employees.

The comments, totaling more than 7,000, are available through directorate offices and the TID Library, Trailer 4727.

All comments have been screened by International Survey Research, the firm that conducted the survey, to ensure anonymity.

slated for completion by early February 2002. Teams will schedule their own work, but in general, team members should plan on this assignment requiring up to 50 percent of their work time during this period, Tulk said. This effort will be charged to an institutional

account that will be provided once the teams get under way. During this period each team will work with the Survey Action Steering Committee (SASC) to facilitate communications and monitor overlap among the teams.

Teams will be formed and begin analysis Oct. 15.

Other key dates include:

Nov. 6 — Key issues and any team overlap identified.

Dec. 1 — Teams' analyses and action recommendations delivered to SASC.

Jan. 2, 2002 — Working with teams, SASC integrates action options.

Jan. 23 — Recommended action options sent to the director and Senior Management Committee.

Feb. 6-8 — Action options presented at director's SMC meeting; director approves path forward.

For more information about the focus areas, see the Website at <http://www-r.llnl.gov/> (click on "Employee Survey Results").

Survey Action Team Application

Name: _____ Job Classification: _____

Employee Number: _____

Supervisor: _____ Phone: _____ e-mail: _____

Directorate: _____ Department/Division: _____

Phone: _____ Mail Code: _____ e-mail: _____

I am: an individual contributor a first line supervisor second level supervisor or higher
(please check one)

Team Preference (if any): _____

Return form to:
Joni Lawson,
L-001,
by October 12, 2001

Please provide a brief statement regarding what you will contribute to the planning/action process. (See "Selection of Team Members" section of the main article for items you may wish to cover.)